

# AMIR AGASSI

GitHub ◇ amiragassi.com ◇ amiragassi04@gmail.com ◇ LinkedIn

## EDUCATION

### Wilfrid Laurier University

BSc Computer Science

Waterloo, Ontario

2022 - 2026

### Western Governors University

Accelerated BSc Cybersecurity & Information Assurance

Remote

Sept. 2024 - Feb. 2025

## PROFESSIONAL EXPERIENCE

### Shopify

Software Engineer Intern - Infrastructure Engineering

Toronto, Ontario

January 2025 - April 2025

- Assisting the Infrastructure Engineering team in designing scalable cloud solutions, automating deployments, and enhancing monitoring tools to improve platform reliability and performance for millions of global merchants.

### Konfer Inc.

Vice President of Engineering

Waterloo, Ontario

July 2024 - Present

- Lead the development of the company's engineering strategy and technical direction, overseeing the organization of 5+ high-impact tech events (networking events, hackathons & more) annually, connecting innovative businesses with ambitious students and young professionals.

### Civiconnect

Web Development Associate, Co-op

Remote

September 2024 - Present

- Collaborated with the Web Development Team to design, develop, and maintain web applications for small to medium-sized businesses, contributing to 3+ client projects using Figma, React, and Supabase.

### Sterling Karamar Inc.

Junior Software Developer

Toronto, Ontario

July 2021 - August 2022

- Developed custom large-scale reporting software, facilitating efficient report generation for 85+ corporate real-estate clients, reducing monthly accounting and report creation time by up to 95% compared to manual creation.

### 360 Business Marketing Inc.

Digital Solutions Specialist

Concord, Ontario

June 2020 - April 2021

- Engineered and implemented custom analytics dashboard to monitor website traffic and user behavior used with 120+ clients, enabling data-driven decision-making and improving lead generation rates by up to 40%.

### MIT Consulting Inc.

IT Support

North York, Ontario

January 2020 - May 2020

- Developed software in Java & Python to automate routine tasks & provided network services to 15+ small businesses.

## ACTIVITIES

### Laurier Computing Society

Vice President of Development & Technology

Waterloo, Ontario

January 2024 - Present

- Overseeing the development and maintenance of society's technical infrastructure, organizing 10+ tech-related events and workshops per semester, with an average attendance of 75 students.

### HawkHacks

Software Engineer

Waterloo, Ontario

November 2023 - August 2024

- Contributed to the hackathon's digital infrastructure by developing a full-stack solution for the landing page and hacker dashboard using React and Firebase, supporting 850+ participants & 1100+ applicants.

### Computing Councils of Canada

Director of Systems Administration

Remote

November 2022 - Present

- Led the development of a responsive landing page, Discord bot, 3 software-related projects, and held tech events with the systems administration team, connecting a community of 900+ students in computing clubs across Canada.

## PROJECTS

- SPUR IC OnBoard:** Developed SPUR Innovation Center's streamlined digital platform to manage startup onboarding, review, and funding processes for SPUR administrators, startup applicants, and investors. Developed using Go and React, using tools like Docker and PostgreSQL.
- Danghui-cLVM:** Proof of concept Roblox ACE exploit to execute arbitrary code & fully replicate the scripts to player's machines, affecting 37.1 million daily active players & aiding in the implementation of their replication filter.
- QuickReports:** A React-based web application in use by 2 medium-sized marketing agencies, helping integrate 8+ digital marketing analytics tools into a single dashboard & enabling agencies to generate comprehensive reports from consolidated data sources 80% faster, currently supplying 164+ businesses' monthly reports.

## CERTIFICATIONS

- AWS Certified Solutions Architect - Professional • ITIL 4 Foundation - IT Service Management
- CompTIA A+ IT • CompTIA Network+ • CompTIA IT Operations Specialist • CompTIA Secure Infra Specialist